

Author Index

- ABE, S. *see* SHIUBO, N.
 ABO, T. *see* OKADA, T.
 ACEVEDO, A. *see* MARAZUELA, M.
 ADAMS, E., BASTEN, A., PRESTIDGE, R. & BRITTON, W.J. T cell clones from a non-leprosy exposed subject recognize the *Mycobacterium leprae* 18-kD protein, 58
 ADU, D. *see* KING, W.J.
 AGEA, E. *see* GERLI, R.
 AIRO, P. *see* BRUGNONI, D.
 AIUTI, F. *see* QUINTI, I.
 ALLEN, D. *see* BIRD, P.
 AMOAKO, K.K. *see* XU, D.L.
 AMOS, N. *see* WILLIAMS, A.S.
 ARDEN, S.D. *see* HUANG, G.C.
 ARIZONO, N. *see* KAMATA, I.
 AZUMA, M. *see* HOSHINO, T.
 BAILYES, E. *see* HUANG, G.C.
 BAINES, M. *see* GARLEPP, M.J.
 BANGA, J.P. *see* HUANG, G.C.
 BANKS, R.E., FORBES, J.B.A., STORR, M., HIGGINSON, J., THOMPSON, D., RAYNES, J., ILLINGWORTH, J.M., PERREN, T.J., SELBY, P.J. & WHICHER, J.T. The acute phase protein response in patients receiving subcutaneous IL-6, 217
 BARRAL, A. *see* SCHRIEFER, A.
 BARRAL-NETTO, M. *see* SCHRIEFER, A.
 BASTEN, A. *see* ADAMS, E.
 BEFUS, A.D. *see* BISSONNETTE, E.Y.
 BERGEROT, I., FABIEN, N., MAGUER, V. & THIVOLET, C. Insulin-like growth factor-1 (IGF-1) protects NOD mice from insulinitis and diabetes, 335
 BERTOTTO, A. *see* GERLI, R.
 BIAGINI, P. *see* GERLI, R.
 BINDER, R. *see* HECKL-ÖSTREICHER, B.
 BINOS, S. *see* CHANG, L.
 BIOQUE, G., CRUSIUS, J.B.A., KOUTROBAKIS, I., BOUMA, G., KOSTENSE, P.J., MEUWISSEN, S.G.M. & PEÑA, A.S. Allelic polymorphism in IL-1 β and IL-1 receptor antagonist (IL-1Ra) genes in inflammatory bowel disease, 379
 BIRD, P., REYBURN, H.T., BLACKLAWS, B.A., ALLEN, D., NETTLETON, P., YIRRELL, D.L., WATT, N., SARGAN, D. & MCCONNELL, I. The restricted IgG1 antibody response to maedi visna virus is seen following infection but not following immunization with recombinant gag protein, 274
 BISHIT, D. *see* MEHROTRA, J.
 BISSONNETTE, E.Y., ENCISO, J.A. & BEFUS, A.D. Inhibition of tumour necrosis factor- α (TNF- α) release from mast cells by the anti-inflammatory drugs, sodium cromoglycate and nedocromil sodium, 78
 BISTONI, O. *see* GERLI, R.
 BITTERMAN, H. *see* LAHAT, N.
 BITTERMAN, N. *see* LAHAT, N.
 BLACKLAWS, B.A. *see* BIRD, P.
 BLANK, M., TOMER, Y., STEIN, M., KOPOLOVIC, J., WIK, A., MERONI, P.L., CONFORTI, G. & SHOENFELD, Y. Immunization with anti-neutrophil cytoplasmic antibody (ANCA) induces the production of mouse ANCA and perivascular lymphocyte infiltration, 120
 BOGEN, B. *see* DYBWAD, A.
 BOLLEN, A. *see* SHORT, A.K.
 BOMBARDIERI, S. *see* RIENTE, L.
 BONHAM, C.A. & THOMSON, A.W. Anti-inflammatory agents in allergic diseases, 1
 BORCHMAN, D., HARRIS, E.N., PIERANGELI, S.S. & LAMBA, O.P. Interactions and molecular structure of cardiolipin and β_2 -glycoprotein 1 (β_2 -GPI), 373
 BOUGY, F. *see* PHAM, B.N.
 BOUMA, G. *see* BIOQUE, G.
 BRAUN, P. *see* FRANCHINI, M.
 BREEDVELD, F.C. *see* KLOPPENBURG, M.
 BREEDVELD, F.C. *see* LANDEWÉ, R.B.M.
 BRITTON, W.J. *see* ADAMS, E.
 BROOKS, A. *see* GARLEPP, M.J.
 BROOKS, C.J. *see* KING, W.J.
 BROWN, D.J., CAMPBELL, J.D.M., RUSSELL, G.C., HOPKINS, J. & GLASS, E.J. T cell activation by *Theileria annulata*-infected macrophages correlates with cytokine production, 507
 BRUGNONI, D., SORESINA, A., AIRO, P., UGAZIO, A.G., NOTARANGELO, L.D., CATTANEO, R. & DUSE, M. Effect of HIV vertical transmission on the ontogeny of T cell antigens involved in the regulation of humoral immune response, 238
 BRUMMER, E. & STEVENS, D.A. Antifungal mechanisms of activated murine bronchoalveolar or peritoneal macrophages for *Histoplasma capsulatum*, 65
 BUNDICK, R.V. *see* WHEELER, D.J.
 BUNN, C.C. & MCMORROW, M. Anti-M4 antibodies measured by a sulphite oxidase ELISA in patients with both anti-centromere and anti-M2 antibodies, 131
 BUSTOS, C., GONZÁLEZ-CUADRADO, S., RUIZ-ORTEGA, M., GÓMEZ-GUERRERO, C., GONZÁLEZ, E., PLAZA, J.J. & EGIDO, J. Cyclosporin A (CsA) modulates the glomerular production of inflammatory mediators and proteoglycans in experimental nephrosis, 608
 BWAYO, J. *see* VAN LAER, L.
 BYE, J.M. *see* FINNERN, R.
 CAMERON, W. *see* DIAZ-MITOMA, F.
 CAMILLERI, J.P. *see* WILLIAMS, A.S.
 CAMPBELL, J.D.M. *see* BROWN, D.J.
 CARLISLE, B. *see* HIGHTON, J.
 CARSTENS, C. *see* NANAN, R.
 CARVALHO, E.M. *see* SCHRIEFER, A.
 CASTIGLI, E., IRANI, A.-M., GEHA, R.S. & CHATILA, T. Defective expression of early activation genes in cartilage-hair hypoplasia (CHH) with severe combined immunodeficiency (SCID), 6
 CATTANEO, R. *see* BRUGNONI, D.
 CEBON, J. *see* WARING, P.M.
 CHAN, S.Y. *see* LAU, Y.L.
 CHANG, L., BINOS, S. & SAVIGE, J. Epitope mapping of anti-proteinase 3 and anti-myeloperoxidase antibodies, 112
 CHATILA, T. *see* CASTIGLI, E.
 CHATURVEDI, U.C. *see* MUKERJEE, R.
 CHEN, W. *see* GARLEPP, M.J.
 CHEN, X.M. *see* CHENG, Q.L.
 CHENG, Q.L., ORIKASA, M., MORIOKA, T., KAWACHI, H., CHEN, X.M., OITE, T. & SHIMIZU, F. Progressive renal lesions induced by administration of monoclonal antibody 1-22-3 to unilaterally nephrectomized rats, 181
 CHIECO-BIANCHI, F., HEDLEY, K., WEISSENSTEINER, T., PANAYI, G.S. & KINGSLEY, G.H. Reactive arthritis-associated bacteria can stimulate lymphocyte proliferation in non-exposed individuals and newborns, 551
 CHOUGNET, C. *see* MIGOT, F.
 CHRISTENSEN, B.E. *see* MARQUART, H.V.
 CHRISTENSEN, J.P., JOHANSEN, J., MARKER, O. & THOMSEN, A.R. Circulating intercellular adhesion molecule-1 (ICAM-1) as an early and sensitive marker for virus-induced T cell activation, 268
 CLANCY, R.L. *see* GLEESON, M.
 CLANCY, R.L. *see* PANG, G.T.
 CLANCY, R.L. *see* TAYLOR, D.C.
 COCCHI, F. *see* RUSCONI, S.

- COERS, W., VOS, J.T.W.M., VAN DER MEIDE, P.H., VAN DER HORST, M.L.C., HUITEMA, S. & WEENING, J.J. Interferon-gamma (IFN- γ) and IL-4 expressed during mercury-induced membranous nephropathy are toxic for cultured podocytes, 297
- COHEN, J.H.M. *see* PHAM, B.N.
- CONFORTI, G. *see* BLANK, M.
- COURPOTIN, C. *see* MABONDZO, A.
- CREERY, W.D. *see* DIAZ-MITOMA, F.
- CRIPPS, A.W. *see* GLEESON, M.
- CRIPPS, A.W. *see* TAYLOR, D.C.
- CRUSIUS, J.B.A. *see* BIOQUE, G.
- DAFTARIAN, M.P. *see* DIAZ-MITOMA, F.
- DAHA, M.R. *see* FIJEN, C.A.P.
- DAHA, M.R. *see* KING, W.J.
- DAHA, M.R. *see* KLOPPENBURG, M.
- DAHA, M.R. *see* LANDEWE, R.B.M.
- DALEN, A. *see* FAXVAAG, A.
- DANKERT, J. *see* FIJEN, C.A.P.
- DAVIES, E.T. *see* GREGORIO, G.V.
- DE LANDÁZURI, M.O. *see* MARAZUELA, M.
- DEGOS, F. *see* PHAM, B.N.
- DEGOTT, C. *see* PHAM, B.N.
- DELEMARRE, F.G.A., STEVENHAGEN, A. & VAN FURTH, R. Granulocyte-macrophage colony-stimulating factor (GM-CSF) reduces toxoplasma activity of human monocytes via induction of prostaglandin E₂ (PGE₂), 425
- DELORON, P. *see* MIGOT, F.
- DERKX, B.H.F. *see* FIJEN, C.A.P.
- DHAWAN, R. *see* MUKERJEE, R.
- DIAZ-MITOMA, F., KUMAR, A., KARIMI, S., KRYWORUCHKO, M., DAFTARIAN, M.P., CREERY, W.D., FILION, L.G. & CAMERON, W. Expression of IL-10, IL-4 and interferon-gamma in unstimulated and mitogen-stimulated peripheral blood lymphocytes from HIV-seronegative patients, 31
- DIAZ-SANCHEZ, D. *see* SAXON, A.
- DIJKMANS, B.A.C. *see* KLOPPENBURG, M.
- DIJKMANS, B.A.C. *see* LANDEWE, R.B.M.
- DOLCHER, M.P. *see* RIENTE, L.
- DOLMAN, K.M. *see* FINNERN, R.
- DORMONT, D. *see* MABONDZO, A.
- DOYLE, A.G. *see* HERBEIN, G.
- DUBOIS, B. *see* MIGOT, F.
- DUCHMANN, R., KAISER, I., HERMANN, E., MAYET, W., EWE, K. & MEYER ZUM BÜSCHENFELDE, K.-H. Tolerance exists towards resident intestinal flora but is broken in active inflammatory bowel disease (IBD), 448
- DUSE, M. *see* BRUGNONI, D.
- DYBWAD, A., BOGEN, B., NATVIG, J.B., FØRRE, Ø. & SIJUD, M. Peptide phage libraries can be an efficient tool for identifying antibody ligands for polyclonal antisera, 438
- EGIDO, J. *see* BUSTOS, C.
- EL SALMAN, D. *see* QUINTI, I.
- ENCISO, J.A. *see* BISSONNETTE, E.Y.
- ERICSON, L. *see* NILSSON, E.
- ERLINGER, S. *see* PHAM, B.N.
- ESPEVIK, T. *see* FAXVAAG, A.
- EWE, K. *see* DUCHMANN, R.
- FABIEN, N. *see* BERGEROT, I.
- FALINI, B. *see* GERLI, R.
- FAXVAAG, A., ESPEVIK, T. & DALEN, A. An immunosuppressive murine leukaemia virus induces a Th1→Th2 switch and abrogates the IgM antibody response to sheep erythrocytes by suppressing the production of IL-2, 487
- FERRER, J.M., IGLESÍAS, J., HERNÁNDEZ, M. & MATAMOROS, N. Alterations in interleukin secretion (IL-2 and IL-4) by CD4 and CD4 CD45RO cells from common variable immunodeficiency (CVI) patients, 286
- FIEVET, N. *see* MIGOT, F.
- FIJEN, C.A.P., DERKX, B.H.F., KUIJPER, E.J., MANNENS, M., POORT, S.R., PETERS, M., DAHA, M.R. & DANKERT, J. Fulminant meningococcal septic shock in a boy with combined inherited properdin and protein C deficiency, 290
- FILION, L.G. *see* DIAZ-MITOMA, F.
- FINNERN, R., BYE, J.M., DOLMAN, K.M., ZHAO, M.-H., SHORT, A., MARKS, J.D., LOCKWOOD, M.C. & OUWEHAND, W.H. Molecular characteristics of anti-self antibody fragments against neutrophil cytoplasmic antigens from human V gene phage display libraries, 566
- FONG, J. *see* LAU, Y.L.
- FORBES, M.A. *see* BANKS, R.E.
- FRANCHINI, M., WALKER, C., HENRARD, D.R., SUTER-GUT, D., BRAUN, P., VILLIGER, B. & SUTER, M. Accumulation of activated CD4⁺ lymphocytes in the lung of individuals infected with HIV accompanied by increased virus production in patients with secondary infections, 231
- FRICKER, P.A. *see* GLEESON, M.
- FRISCIA, G., VORDERMEIER, H.M., PASVOL, G., HARRIS, D.P., MORENO, C. & IVANYI, J. Human T cell responses to peptide epitopes of the 16-kD antigen in tuberculosis, 53
- FUJISHIMA, H., TAKEUCHI, T., SHINOZAKI, N., SAITO, I. & TSUBOTA, K. Measurement of IL-4 in tears of patients with seasonal allergic conjunctivitis and vernal keratoconjunctivitis, 395
- FUKUDOME, T. *see* OHTSUKU, I.
- FURUKAWA, Y. *see* HIROZANE, T.
- FØRRE, Ø. *see* DYBWAD, A.
- GALLI, M. *see* RUSCONI, S.
- GAN, Y.H., PAUZA, C.D. & MALKOVSKY, M. $\gamma\delta$ T cells in rhesus monkeys and their response to simian immunodeficiency virus (SIV) infection, 251
- GARLEPP, M.J., CHEN, W., TABARIAS, H., BAINES, M., BROOKS, A. & MCCLUSKEY, J. Antigen processing and presentation by a murine myoblast cell line, 614
- GAVIN, A.L., WINES, B.D., POWELL, M.S. & HOGARTH, P.M. Recombinant soluble Fc γ RII inhibits immune complex precipitation, 620
- GEHA, R.S. *see* CASTIGLI, E.
- GERLI, R., MUSCAT, C., BISTONI, O., FALINI, B., TOMASSINI, C., AGEA, E., TOGNELLINI, R., BIAGINI, P. & BERTOTTO, A. High levels of the soluble form of CD30 molecule in rheumatoid arthritis (RA) are expression of CD30⁺ T cell involvement in the inflamed joints, 547
- GIOVANNETTI, A. *see* QUINTI, I.
- GLASS, E.J. *see* BROWN, D.J.
- GLEESON, M., McDONALD, W.A., CRIPPS, A.W., PYNE, D.B., CLANCY, R.L. & FRICKER, P.A. The effect on immunity of long-term intensive training in elite swimmers, 210
- GONZÁLEZ, E. *see* BUSTOS, C.
- GONZÁLEZ-CUADRADO, S. *see* BUSTOS, C.
- GORDON, S. *see* HERBEIN, G.
- GOSSELIN, D., TURCOTTE, R. & LEMIEUX, S. Phenotypic characterization of two cell populations involved in the acquisition of suppressor activity by cultured spleen cells from *Mycobacterium lepraemurium*-infected mice, 515
- GOTO, Y. *see* XU, D.L.
- GOUHARA, R. *see* HOSHINO, T.
- GÓMEZ-GUERRERO, C. *see* BUSTOS, C.
- GREAVES, M. *see* HILL, M.B.
- GREGORIO, G.V., DAVIES, E.T., MIELI-VERGANI, G. & VERGANI, D. Significance of extractable nuclear antigens in childhood autoimmune liver disease, 308
- GRØNBÆK, K. *see* MARQUART, H.V.
- GUO, B.-C. *see* SAXON, A.
- HADLEY, C.L. *see* MARLEY, S.B.
- HAMANO, H. *see* HAYASHI, Y.
- HANEJI, N. *see* HAYASHI, Y.
- HARRIS, D.P. *see* FRISCIA, G.
- HARRIS, E.N. *see* BORCHMAN, D.
- HASSAN, J., O'NEILL, S., O'NEILL, L.A.J., PATTISON, U. & REEN, D.J. Signalling via CD28 of human naive neonatal T lymphocytes, 192
- HATAKEYAMA, K. *see* OKADA, T.
- HAYASHI, Y., HANEJI, N., YANAGI, K., HIGASHIYAMA, H., YAGITA, H. & HAMANO, H. Prevention of adoptive transfer of murine Sjögren's syndrome into severe combined immunodeficient (SCID) mice by antibodies against intercellular adhesion molecule-1 (ICAM-1) and lymphocyte function-associated antigen-1 (LFA-1), 360
- HECKL-ÖSTREICHER, B., BINDER, R. & KIRSCHFINK, M. Functional activity of the membrane-associated complement inhibitor CD59

- in a pig-to-human *in vitro* model for hyperacute xenograft rejection, 589
- HEDLEY, K. *see* CHIECO-BIANCHI, F.
- HENRARD, D.R. *see* FRANCHINI, M.
- HENZEL, D. *see* MIGOT, F.
- HERBEIN, G., DOYLE, A.G., MONTANER, L.J. & GORDON, S. Lipopolysaccharide (LPS) down-regulates CD4 expression in primary human macrophages through induction of endogenous tumour necrosis factor (TNF) and IL-1 β , 430
- HERMANN, E. *see* DUCHMANN, R.
- HERNÁNDEZ, M. *see* FERRER, J.M.
- HERVÉ, F. *see* MABONDZO, A.
- HIGASHIYAMA, H. *see* HAYASHI, Y.
- HIGGINSON, J. *see* BANKS, R.E.
- HIGHTON, J., CARLISLE, B. & PALMER, D.G. Changes in the phenotype of monocytes/macrophages and expression of cytokine mRNA in peripheral blood and synovial fluid of patients with rheumatoid arthritis, 541
- HILL, M.B., PHIPPS, J.L., MALIA, R.G., GREAVES, M. & HUGHES, P. Characterization and specificity of anti-endothelial cell membrane antibodies and their relationship to thrombosis in primary antiphospholipid syndrome (APS), 368
- HINODA, Y. *see* SHIUBO, N.
- HIRASAWA, M. *see* SHIUBO, N.
- HIROZANE, T., MATSUMORI, A., FURUKAWA, Y., MATSUI, S., SATO, Y., MATOBA, Y. & SASAYAMA, S. Beneficial effect of amrinone on murine cardiac allograft survival, 186
- HIZUTA, A. *see* WATANABE, N.
- HOGARTH, P.M. *see* GAVIN, A.L.
- HOPKINS, J. *see* BROWN, D.J.
- HOSHINO, T., ITOH, K., GOUHARA, R., YAMADA, A., TANAKA, Y., ICHIKAWA, Y., AZUMA, M., MOCHIZUKI, M. & OIZUMI, K. Spontaneous production of various cytokines except IL-4 from CD4⁺ T cells in the affected organs of sarcoidosis patients, 399
- HOVENKAMP, E. *see* LANG, M.S.
- HOWDLE, P.D. *see* ROWBOTHAM, D.S.
- HUANG, G.C., TREMBLE, J., BAILYES, E., ARDEN, S.D., KAYE, T., MCGREGOR, A.M. & BANGA, J.P. HLA-DR-restricted T cell lines from newly diagnosed type 1 diabetic patients specific for insulinoma and normal islet beta cell proteins: lack of reactivity to glutamic acid decarboxylase, 152
- HUGHES, P. *see* HILL, M.B.
- HUITEMA, S. *see* COERS, W.
- HUSSAIN, L.A., KELLY, C.G., RODIN, A., JOURDAN, M. & LEHNER, T. Investigation of the complement receptor 3 (CD11b/CD18) in human rectal epithelium, 384
- ICHIKAWA, Y. *see* HOSHINO, T.
- IGLESIAS, J. *see* FERRER, J.M.
- IIAI, T. *see* OKADA, T.
- ILLINGWORTH, J.M. *see* BANKS, R.E.
- IMAI, K. *see* SHIUBO, N.
- IOPPOLO, S. *see* RIGANÒ, R.
- IRANI, A.-M. *see* CASTIGLI, E.
- ITIÉ, A. *see* YOU-TEN, K.E.
- ITOH, K. *see* HOSHINO, T.
- IVANYI, J. *see* FRISCHIA, G.
- JAMBOU, R. *see* MIGOT, F.
- JOHANSEN, J. *see* CHRISTENSEN, J.P.
- JOURDAN, M. *see* HUSSAIN, L.A.
- KAISER, I. *see* DUCHMANN, R.
- KAMATA, I., YAMADA, M., UCHIKAWA, R., MATSUDA, S. & ARIZONO, N. Cysteine protease of the nematode *Nippostrongylus brasiliensis* preferentially evokes an IgE/IgG1 antibody response in rats, 71
- KARIMI, S. *see* DIAZ-MITOMA, F.
- KARLBERG, J. *see* LAU, Y.L.
- KAWACHI, H. *see* CHENG, Q.L.
- KAWACHI, Y. *see* OKADA, T.
- KAWANO, Y. & NOMA, T. Dual action of IL-4 on mite antigen-induced IgE synthesis in lymphocytes from individuals with bronchial asthma, 389
- KAYE, T. *see* HUANG, G.C.
- KELD, B. *see* SAXON, A.
- KELLY, C.G. *see* HUSSAIN, L.A.
- KESTENS, L. *see* VAN LAER, L.
- KINARTY, A. *see* LAHAT, N.
- KING, W.J., ADU, D., DAHA, M.R., BROOKS, C.J., RADFORD, D.J., PALL, A.A. & SAVAGE, C.O.S. Endothelial cells and renal epithelial cells do not express the Wegener's autoantigen, proteinase 3, 98
- KINGSLEY, G.H. *see* CHIECO-BIANCHI, F.
- KIRSCHFINK, M. *see* HECKL-ÖSTREICHER, B.
- KLOPPENBURG, M., VERWEI, C.L., MILTENBURG, A.M.M., VERHOEVEN, A.J., DAHA, M.R., DIJKMANS, B.A.C. & BREEDVELD, F.C. The influence of tetracyclines on T cell activation, 635
- KNEGT, P. *see* LANG, M.S.
- KONNO, A. *see* YACHIE, A.
- KOPOLOVIC, J. *see* BLANK, M.
- KOSTENSE, P.J. *see* BIOQUE, G.
- KOUTROBAKIS, I. *see* BIOQUE, G.
- KRETH, H.W. *see* NANAN, R.
- KRYWORUCHKO, M. *see* DIAZ-MITOMA, F.
- KUIJPER, E.J. *see* FIJEN, C.A.P.
- KUMAR, A. *see* DIAZ-MITOMA, F.
- LAHAT, N., BITTERMAN, H., YANIV, N., KINARTY, A. & BITTERMAN, N. Exposure to hyperbaric oxygen induces tumour necrosis factor- α (TNF- α) secretion from rat macrophages, 655
- LAL, R.B. *see* PRINCE, H.E.
- LAMBA, O.P. *see* BORCHMAN, D.
- LANDEWE, R.B.M., MILTENBURG, A.M.M., VERDONK, M.J.A., VERWEI, C.L., BREEDVELD, F.C., DAHA, M.R. & DIJKMANS, B.A.C. Chloroquine inhibits T cell proliferation by interfering with IL-2 production and responsiveness, 144
- LANG, M.S., HOVENKAMP, E., SAVELKOU, H.F.J., KNEGT, P. & VAN EWIJK, W. Immunotherapy with monoclonal antibodies directed against the immunosuppressive domain of p15E inhibits tumour growth, 468
- LAPP, W.S. *see* YOU-TEN, K.E.
- LARRAÑAGA, E. *see* MARAZUELA, M.
- LASFARGUES, G. *see* MABONDZO, A.
- LAU, Y.L., CHAN, S.Y., TURNER, M.W., FONG, J. & KARLBERG, J. Mannose-binding protein in preterm infants: developmental profile and clinical significance, 649
- LAYTON, J.E. *see* WARING, P.M.
- LE NAOUR, R. *see* MABONDZO, A.
- LEFVERT, A.K. *see* WU, R.
- LEHNER, T. *see* HUSSAIN, L.A.
- LEMIEUX, S. *see* GOSSELIN, D.
- LESLIE, R.G.Q. *see* MARQUART, H.V.
- LING, M., PIDDLSEN, S.J. & MORGAN, B.P. A component of the medicinal herb ephedra blocks activation in the classical and alternative pathways of complement, 582
- LOCKWOOD, C.M. *see* SHORT, A.K.
- LOCKWOOD, M.C. *see* FINNERN, R.
- MABONDZO, A., ROUVIER, P., RAOUL, H., LE NAOUR, R., COURPOTIN, C., HERVÉ, F., PARNET-MATHIEU, F., LASFARGUES, G. & DORMONT, D. Relationships between humoral factors in HIV-1-infected mothers and the occurrence of HIV infection in their infants, 476
- MACDONALD, T.T. Breakdown of tolerance to the intestinal bacterial flora in inflammatory bowel disease (IBD), 445
- MAGUER, V. *see* BERGEROT, I.
- MAHALINGAM, M., POZNIAK, A., MCMANUS, T.J., VERGANI, D. & PEAKMAN, M. Cell cycling in HIV infection: analysis of *in vivo* activated lymphocytes, 481
- MAHER, D.W. *see* WARING, P.M.
- MALIA, R.G. *see* HILL, M.B.
- MALKOVSKY, M. *see* GAN, Y.H.
- MANNENS, M. *see* FIJEN, C.A.P.
- MARAZUELA, M., SÁNCHEZ-MADRID, F., ACEVEDO, A., LARRAÑAGA, E. & DE LANDÁZURI, M.O. Expression of vascular adhesion molecules on human endothelia in autoimmune thyroid disorders, 328
- MARCELLIN, P. *see* PHAM, B.N.
- MARCHINI, B. *see* RIENTE, L.
- MARKER, O. *see* CHRISTENSEN, J.P.
- MARKS, J.D. *see* FINNERN, R.

- MARLEY, S.B., HADLEY, C.L. & WAKELIN, D. Genetic variation in neutrophil accumulation in mice is not mediated through immigrant regulatory cells, 224
- MARQUART, H.V., GRÖNBÆK, K., CHRISTENSEN, B.E., SVEHAG, S.-E. & LESLIE, R.G.Q. Complement activation by malignant B cells from patients with chronic lymphocytic leukaemia (CLL), 575
- MARTINOT-PEIGNOUX, M. see PHAM, B.N.
- MATAMOROS, N. see FERRER, J.M.
- MATHIESON, P.W. Mercury: god of Th2 cells?, 229
- MATOKA, Y. see HIROZANE, T.
- MATSUDA, S. see KAMATA, I.
- MATSUI, S. see HIROZANE, T.
- MATSUMORI, A. see HIROZANE, T.
- MATSUMOTO, K. Decreased release of IL-10 by monocytes from patients with lipid nephrosis, 603
- MATSUO, H. see OHTSURI, I.
- MAYET, W. see DUCHMANN, R.
- MCCLUSKEY, J. see GARLEPP, M.J.
- MCCONNELL, I. see BIRD, P.
- MCDONALD, W.A. see GLEESON, M.
- MCGREGOR, A.M. see HUANG, G.C.
- MCMANUS, T.J. see MAHALINGAM, M.
- McMORROW, M. see BUNN, C.C.
- MEHROTRA, J., BISHT, D., TIWARI, V.D. & SINHA, S. Serological distinction of integral plasma membrane proteins as a class of mycobacterial antigens and their relevance for human T cell activation, 626
- MERONI, L. see RUSCONI, S.
- MERONI, P.L. see BLANK, M.
- METCALF, D. see WARING, P.M.
- MEUWISSEN, S.G.M. see BIOQUE, G.
- MEYDAN, N. see TRINK, B.
- MEYER ZUM BÜSCHENFELDE, K.-H. see DUCHMANN, R.
- MIELI-VERGANI, G. see GREGORIO, G.V.
- MIGLIORINI, P. see RIENTE, L.
- MIGOT, F., CHOUGNET, C., HENZEL, D., DUBOIS, B., JAMBOU, R., FIEVET, N. & DELORON, P. Anti-malaria antibody-producing B cell frequencies in adults after a *Plasmodium falciparum* outbreak in Madagascar, 529
- MILTENBURG, A.M.M. see KLOPPENBURG, M.
- MILTENBURG, A.M.M. see LANDEWÉ, R.B.M.
- MIYAWAKI, T. see YACHIE, A.
- MOCHIZUKI, M. see HOSHINO, T.
- MOGUILLEVSKY, N. see SHORT, A.K.
- MONTANER, L.J. see HERBEIN, G.
- MORENO, C. see FRISCIA, G.
- MORGAN, B.P. see LING, M.
- MORIOKA, T. see CHENG, Q.L.
- MORODA, T. see OKADA, T.
- MOSNIER, J.F. see PHAM, B.N.
- MUKERJEE, R. & CHATURVEDI, U.C. Effect of adjuvants on immunization with dengue virus-induced cytotoxic factor, 496
- MUKERJEE, R., CHATURVEDI, U.C. & DHAWAN, R. Dengue virus-induced human cytotoxic factor: production by peripheral blood leucocytes *in vitro*, 262
- MUSCAT, C. see GERLI, R.
- NAGATAKI, S. see OHTSURI, I.
- NAGATOMO, T. see XU, D.L.
- NANAN, R., CARSTENS, C. & KRETH, H.W. Demonstration of virus-specific CD8⁺ memory T cells in measles-seropositive individuals by *in vitro* peptide stimulation, 40
- NATVIG, J.B. see DYBWAD, A.
- NETTLETON, P. see BIRD, P.
- NILSSON, E., THOMSEN, P., ERICSON, L. & PALMBLAD, J. Rabbit polymorphonuclear granulocyte function during ethanol administration—migration and oxidative responses in a joint with immune complex synovitis, 137
- NJAPOM, C. see PHAM, B.N.
- NOMA, T. see KAWANO, Y.
- NOTARANGELO, L.D. see BRUGNONI, D.
- NOTARGIACOMO, S. see RIGANÒ, R.
- O'NEILL, L.A.J. see HASSAN, J.
- O'NEILL, S. see HASSAN, J.
- O'ROURKE, S. see WATERS, J.A.
- OHATA, K. see YACHIE, A.
- OHTSURI, I., MATSUI, H., FUKUDOME, T., SUENAGA, A., TSUJIHATA, M. & NAGATAKI, S. 'Split tolerance' induction by intrathymic injection of acetylcholine receptor in a rat model of autoimmune myasthenia gravis; implications for the design of specific immunotherapies, 462
- OLTE, T. see CHENG, Q.L.
- OIZUMI, K. see HOSHINO, T.
- OKADA, T., IIAL, T., KAWACHI, Y., MORODA, T., TAKII, Y., HATAKEYAMA, K. & ABO, T. Origin of CD57⁺ T cells which increase at tumour sites in patients with colorectal cancer, 159
- OLIVA, A. see QUINTI, I.
- ORIKASA, M. see CHENG, Q.L.
- ORITA, K. see WATANABE, N.
- ORTONA, E. see RIGANÒ, R.
- OTIDO, J. see VAN LAER, L.
- OUWEHAND, W.H. see FINNERN, R.
- OWEN, S.M. see PRINCE, H.E.
- PAGANELLI, R. see QUINTI, I.
- PALFREE, R.G. see YOU-TEN, K.E.
- PALL, A.A. see KING, W.J.
- PALMBLAD, J. see NILSSON, E.
- PALMER, D.G. see HIGHTON, J.
- PANAYI, G.S. see CHIECO-BIANCHI, F.
- PANDOLFI, F. see QUINTI, I.
- PANG, G.T., CLANCY, R.L. & REEVES, G.E. Isolation and functional characterization of T cells from human sputum, 642
- PARNET-MATHIEU, F. see MABONDZO, A.
- PASVOL, G. see FRISCIA, G.
- PATTISON, U. see HASSAN, J.
- PAUZA, C.D. see GAN, Y.H.
- PEAKMAN, M. see MAHALINGAM, M.
- PERREN, T.J. see BANKS, R.E.
- PETERS, M. see FUEN, C.A.P.
- PEÑA, A.S. see BIOQUE, G.
- PHAM, B.N., MARTINOT-PEIGNOUX, M., MOSNIER, J.F., NJAPOM, C., MARCELLIN, P., BOUGY, F., DEGOTT, C., ERLINGER, S., COHEN, J.H.M. & DEGOS, F. CD4⁺/CD8⁺ ratio of liver-derived lymphocytes is related to viraemia and not to hepatitis C virus genotypes in chronic hepatitis C, 320
- PHIPPS, J.L. see HILL, M.B.
- PIDDESSEN, S.J. see LING, M.
- PIERANGELI, S.S. see BORCHMAN, D.
- PIOT, P. see VAN LAER, L.
- PLAZA, J.J. see BUSTOS, C.
- POORT, S.R. see FUEN, C.A.P.
- POWELL, M.S. see GAVIN, A.L.
- POZNIAK, A. see MAHALINGAM, M.
- PRESNEILL, J. see WARING, P.M.
- PRESTIDGE, R. see ADAMS, E.
- PRINCE, H.E., YORK, J., OWEN, S.M. & LAL, R.B. Spontaneous proliferation of memory (CD45RO⁺) and naive (CD45RO⁻) subsets of CD4 cells and CD8 cells in human T lymphotropic virus (HTLV) infection: distinctive patterns for HTLV-I versus HTLV-II, 256
- PRITCHARD, D.I. see WHEELER, D.J.
- PROFUMO, E. see RIGANÒ, R.
- PUCETTI, A. see RIENTE, L.
- PYNE, D.B. see GLEESON, M.
- QUINTI, I., PANDOLFI, F., PAGANELLI, R., EL SALMAN, D., GIOVANNETTI, A., ROSSO, R., OLIVA, A., RAINALDI, L. & AIUTI, F. HCV infection in patients with primary defects of immunoglobulin production, 11
- RADFORD, D.J. see KING, W.J.
- RAINALDI, L. see QUINTI, I.
- RAOUL, H. see MABONDZO, A.
- RAYNES, J. see BANKS, R.E.
- REEN, D.J. see HASSAN, J.
- REEVES, G.E. see PANG, G.T.
- REYBURN, H.T. see BIRD, P.

- RIENTE, L., MARCHINI, B., DOLCHER, M.P., PUCCETTI, A., BOMBARDIERI, S. & MIGLIORINI, P. Anti-collagen antibodies in systemic sclerosis and in primary Raynaud's phenomenon, 354
- RIGANÒ, R., PROFUMO, E., IOPPOLO, S., NOTARGIACOMO, S., ORTONA, E., TEGGI, A. & SIRACUSANO, A. Immunological markers indicating the effectiveness of pharmacological treatment in human hydatid disease, 281
- RIVA, A. *see* RUSCONI, S.
- ROBINS, A. *see* WHEELER, D.J.
- RODIN, A. *see* HUSSAIN, L.A.
- ROGGEN, E. *see* VAN LAER, L.
- ROIFMAN, C.M. *see* TRINK, B.
- ROSSO, R. *see* QUINTI, I.
- ROUVIER, P. *see* MABONDZO, A.
- ROWBOTHAM, D.S., HOWDLE, P.D. & TREJDOSIEWICZ, L.K. Peripheral cell-mediated immune response to mycobacterial antigens in inflammatory bowel disease, 456
- RUZ-ORTEGA, M. *see* BUSTOS, C.
- RUMBLEY, C.A. & VOSS, JR, E.W. Lupus-derived autoantibodies with dual autoactivity: anti-DNA and anti-Fc.I. Comparison of IgG autoreactivities with single-chain Fv derivatives, 341
- RUMBLEY, C.A. & VOSS, JR, E.W. Lupus-derived autoantibodies with dual autoactivity: anti-DNA and anti-Fc.II. Fine specificity of anti-self autoreactivity, 349
- RUSCONI, S., RIVA, A., MERONI, L., ZEHENDER, G., COCCHI, F., SCAPELLATO, L. & GALLI, M. *In vitro* anti-HIV-1 antibody production in subjects in different stages of HIV-1 infection, 26
- RUSSELL, G.C. *see* BROWN, D.J.
- SAITO, I. *see* FUJISHIMA, H.
- SARGAN, D. *see* BIRD, P.
- SASAYAMA, S. *see* HIROZANE, T.
- SATO, Y. *see* HIROZANE, T.
- SAVAGE, C.O.S. *see* KING, W.J.
- SAVELKOU, H.F.J. *see* LANG, M.S.
- SAVIGE, J. *see* CHANG, L.
- SAXON, A., KELD, B., DIAZ-SANCHEZ, D., GUO, B.-C. & SIDELL, N. B cells from a distinct subset of patients with common variable immunodeficiency (CVID) have increased CD95 (Apo-1/fas), diminished CD38 expression, and undergo enhanced apoptosis, 17
- SÁNCHEZ-MADRID, F. *see* MARAZUELA, M.
- SCAPELLATO, L. *see* RUSCONI, S.
- SCHLICHT, H.-J. *see* WATERS, J.A.
- SCHMIDT, R.E. *see* SCHUBERT, J.
- SCHOLZ, C. *see* SCHUBERT, J.
- SCHRIEFER, A., BARRAL, A., CARVALHO, E.M. & BARRAL-NETTO, M. Serum soluble markers in the evaluation of treatment in human visceral leishmaniasis, 535
- SCHUBERT, J., STROEHMANN, A., SCHOLZ, C. & SCHMIDT, R.E. Glycosylphosphatidylinositol (GPI)-anchored surface antigens in the allogeneic activation of T cells, 199
- SEEMAYER, T.A. *see* YOU-TEN, K.E.
- SEKI, H. *see* YACHIE, A.
- SELBY, P.J. *see* BANKS, R.E.
- SHAHAR, M. *see* TRINK, B.
- SHAKIB, F. *see* WHEELER, D.J.
- SHIGEHARA, K. *see* SHIUBO, N.
- SHIUBO, N., IMAI, K., SHIGEHARA, K., HIRASAWA, M., TSUJISAKI, M., HINODA, Y. & ABE, S. Soluble intercellular adhesion molecule-1 (ICAM-1) in sera and bronchoalveolar lavage (BAL) fluids of extrinsic allergic alveolitis, 91
- SHIMIZU, F. *see* CHENG, Q.L.
- SHINJO, T. *see* XU, D.L.
- SHINOZAKI, N. *see* FUJISHIMA, H.
- SHOENFELD, Y. *see* BLANK, M.
- SHORT, A.K., LOCKWOOD, C.M., BOLLEN, A. & MOGUILEVSKY, N. Neutrophil and recombinant myeloperoxidase as antigens in ANCA positive systemic vasculitis, 106
- SHORT, A. *see* FINNERN, R.
- SIDELL, N. *see* SAXON, A.
- SINHA, S. *see* MEHROTRA, J.
- SIUD, M. *see* DYBWAD, A.
- SIRACUSANO, A. *see* RIGANÒ, R.
- SORESINA, A. *see* BRUGNONI, D.
- STEIN, M. *see* BLANK, M.
- STEVENHAGEN, A. *see* DELEMARRE, F.G.A.
- STEVENS, D.A. *see* BRUMMER, E.
- STORR, M. *see* BANKS, R.E.
- STROEHMANN, A. *see* SCHUBERT, J.
- SUENAGA, A. *see* OHTSURI, I.
- SUTER, M. *see* FRANCHINI, M.
- SUTER-GUT, D. *see* FRANCHINI, M.
- SVEHAG, S.-E. *see* MARQUART, H.V.
- TABARIAS, H. *see* GARLEPP, M.J.
- TAKEUCHI, T. *see* FUJISHIMA, H.
- TAKII, Y. *see* OKADA, T.
- TANAKA, N. *see* WATANABE, N.
- TANAKA, Y. *see* HOSHINO, T.
- TANIGUCHI, N. *see* YACHIE, A.
- TAYLOR, D.C., CRIPPS, A.W. & CLANCY, R.L. A possible role for lysozyme in determining acute exacerbation in chronic bronchitis, 406
- TEGGI, A. *see* RIGANÒ, R.
- THIVOLET, C. *see* BERGEROT, I.
- THOMAS, H.C. *see* WATERS, J.A.
- THOMPSON, D. *see* BANKS, R.E.
- THOMSEN, A.R. *see* CHRISTENSEN, J.P.
- THOMSEN, P. *see* NILSSON, E.
- THOMSON, A.W. *see* BONHAM, C.A.
- TIWARI, V.D. *see* MEHROTRA, J.
- TOGNELLINI, R. *see* GERLI, R.
- TOMASSINI, C. *see* GERLI, R.
- TOMER, Y. *see* BLANK, M.
- TREJDOSIEWICZ, L.K. *see* ROWBOTHAM, D.S.
- TREMBLE, J. *see* HUANG, G.C.
- TRINK, B., WANG, G., SHAHAR, M., MEYDAN, N. & ROIFMAN, C.M. Functional platelet-derived growth factor-beta (PDGF- β) receptor expressed on early B-lineage precursor cells, 417
- TSUBOTA, K. *see* FUJISHIMA, H.
- TSUJIHATA, M. *see* OHTSURI, I.
- TSUJISAKI, M. *see* SHIUBO, N.
- TURCOTTE, R. *see* GOSSELIN, D.
- TURNER, M.W. *see* LAU, Y.L.
- UCHIDA, K. *see* XU, D.L.
- UCHIKAWA, R. *see* KAMATA, I.
- UGAZIO, A.G. *see* BRUGNONI, D.
- VAN DER HORST, M.L.C. *see* COERS, W.
- VAN DER MEIDE, P.H. *see* COERS, W.
- VAN EWIJK, W. *see* LANG, M.S.
- VAN FURTH, R. *see* DELEMARRE, F.G.A.
- VAN LAER, L., VINGERHOETS, J., VANHAM, G., KESTENS, L., BWAYO, J., OTIDO, J., PIOT, P. & ROGGEN, E. *In vitro* stimulation of peripheral blood mononuclear cells (PBMC) from HIV⁻ and HIV⁺ chancroid patients by *Haemophilus ducreyi* antigens, 243
- VANHAM, G. *see* VAN LAER, L.
- VERDONK, M.J.A. *see* LANDEWÉ, R.B.M.
- VERGANI, D. *see* GREGORIO, G.V.
- VERGANI, D. *see* MAHALINGAM, M.
- VERHOEVEN, A.J. *see* KLOPPENBURG, M.
- VERWEIJ, C.L. *see* KLOPPENBURG, M.
- VERWEIJ, C.L. *see* LANDEWÉ, R.B.M.
- VILLACRES-ERIKSSON, M. Antigen presentation by naive macrophages, dendritic cells and B cells to primed T lymphocytes and their cytokine production following exposure to immunostimulating complexes, 46
- VILLIGER, B. *see* FRANCHINI, M.
- VINGERHOETS, J. *see* VAN LAER, L.
- VORDERMEIER, H.M. *see* FRISCIA, G.
- VOS, J.T.W.M. *see* COERS, W.
- VOSS, JR, E.W. *see* RUMBLEY, C.A.
- VOSS, JR, E.W. *see* RUMBLEY, C.A.
- WADA, T. *see* YACHIE, A.
- WAKELIN, D. *see* MARLEY, S.B.
- WALKER, C. *see* FRANCHINI, M.
- WANG, G. *see* TRINK, B.

- WARING, L.J. *see* WARING, P.M.
- WARING, P.M., PRESNEILL, J., MAHER, D.W., LAYTON, J.E., CEBON, J., WARING, L.J. & METCALF, D. Differential alterations in plasma colony-stimulating factor concentrations in meningococcaemia, 501
- WATANABE, N., HIZUTA, A., TANAKA, N. & ORITA, K. Localization of T cell receptor (TCR)- $\gamma\delta^+$ T cells into human colorectal cancer: flow cytometric analysis of TCR- $\gamma\delta$ expression in tumour-infiltrating lymphocytes, 167
- WATERS, J.A., O'ROURKE, S., SCHLICT, H.-J. & THOMAS, H.C. Cytotoxic T cell responses in patients with chronic hepatitis B virus infection undergoing HBe antigen/antibody seroconversion, 314
- WATT, N. *see* BIRD, P.
- WEENING, J.J. *see* COERS, W.
- WEISSENSTEINER, T. *see* CHIECO-BIANCHI, F.
- WHEELER, D.J., ROBINS, A., PRITCHARD, D.I., BUNDICK, R.V. & SHAKIB, F. Potentiation of *in vitro* synthesis of human IgE by cyclosporin A (CsA), 85
- WHICHER, J.T. *see* BANKS, R.E.
- WIJK, A. *see* BLANK, M.
- WILLIAMS, A.S., CAMILLERI, J.P., AMOS, N. & WILLIAMS, B.D. Differential effects of methotrexate and liposomally conjugated methotrexate in rat adjuvant-induced arthritis, 560
- WILLIAMS, B.D. *see* WILLIAMS, A.S.
- WINES, B.D. *see* GAVIN, A.L.
- WU, R. & LEFVERT, A.K. Autoantibodies against oxidized low density lipoproteins (oxLDL): characterization of antibody isotype, subclass, affinity and effect on the macrophage uptake of oxLDL, 174
- XU, D.L., GOTO, Y., AMOAKO, K.K., NAGATOMO, T., UCHIDA, K. & SHINJO, T. Immune responsiveness in *Mycobacterium avium*-infected mice: changes in the proportion of T cell subsets and antibody production during the course of infection, 523
- YACHIE, A., KONNO, A., OHTA, K., WADA, T., SEKI, H., TANIGUCHI, N. & MIYAWAKI, T. Delineation of producing ability of IgG and IgA subclasses by naive B cells in newborn infants and adult individuals, 204
- YAGITA, H. *see* HAYASHI, Y.
- YAMADA, A. *see* HOSHINO, T.
- YAMADA, M. *see* KAMATA, I.
- YANAGI, K. *see* HAYASHI, Y.
- YANIV, N. *see* LAHAT, N.
- YIRRELL, D.L. *see* BIRD, P.
- YORK, J. *see* PRINCE, H.E.
- YOU-TEN, K.E., ITIÉ, A., SEEMAYER, T.A., PALFREE, R.G. & LAPP, W.S. Increased expression of proopiomelanocortin (POMC) mRNA in adrenal glands of mice undergoing graft-versus-host disease (GVHD): association with persistent elevated plasma corticosterone levels, 596
- ZEHENDER, G. *see* RUSCONI, S.
- ZHAO, M.-H. *see* FINNERN, R.

Subject Index

- acute phase proteins, 217
adhesion molecule, 360, 384
adjuvant, 496
adjuvant-induced arthritis, 560
adjuvants, 46
adoptive transfer, 360
adrenals, 596
AIDS, 231
aggregation, 406
alginate, 468
allergic conjunctivitis, 395
allogeneic stimulation, 199
ANCA, 106, 112, 120
anrinone, 186
anti-DNA, 341, 349
anti-Fc, 341, 349
anti-La, 308
anti-Sm, 308
anti-centromere antibodies, 131
anti-endothelial antibodies, 368
anti-mitochondrial antibodies, 136
anti-myeloperoxidase, 120
anti-neutrophil cytoplasmic antibodies, 98
anti-neutrophil cytoplasmic autoantibodies, 566
anti-rheumatic drug(s), 144
antibody, 274
antibody affinity, 174
antibody deficiency, 17
antibody-dependent cellular cytotoxicity, 476
antibody-secreting cells, 529
antigen presentation, 46, 614
antimonial, 535
antinuclear antibody, 308
antiphospholipid syndrome, 268
antiviral immunity, 268
APC, 46
asthma, 85
atherosclerosis, 174
autoantibodies, 112, 174, 341, 354
autoantibody, 349
autoimmune hepatitis, 308
autoimmune thyroid disorders, 328
autoimmunity prevention, 335
autoimmunity, 106, 120, 341, 462, 614

 β_2 -GPI, 373
B cell development, 17
B cells, 575
bone marrow, 159
bovine, 507
bronchial asthma, 389
bronchoalveolar lavage, 91, 231

cardiac transplantation, 186
cardiolipin, 373
cartilage-hair hypoplasia, 6
CD25, 481
CD28, 192
CD30, 547
CD38, 481
CD4 lymphocyte activation, 231
CD4, 430
CD4⁺ T cells, 399
CD40L, 238
CD45 isoform, 238

CD57⁺ T cells, 159
CD59, 589
cell adhesion molecules, 328
cell cycling, 481
cellular immune response, 243
chancroid, 243
chronic hepatitis C, 320
chronic lymphocytic leukaemia, 575
chronic obstructive lung disease, 406
circulating ICAM-1 in serum, 268
clone, 58
collagen, 354
colony-stimulating factor, 501
colorectal cancer, 159
common variable immunodeficiency, 17
complement, 290, 575, 582, 589
cord blood, 551
corticosterone, 596
corticotropin, 596
CR3 (CD11b/CD18), 384
Crohn's disease, 448, 456
CTL epitope prediction, 40
CVI, 286
cyclosporin A, 85, 144, 608
cysteine protease, 71
cytokine, 186, 217, 496, 507
cytokine production, 399
cytokines, 46, 144, 487, 501, 608, 642
cytotoxic cytokine, 262
cytotoxic T lymphocytes, 186
cytotoxicity, 78

dengue virus, 262, 496
Dermatophagoides farinae, 389
development, 649
diabetes, 335
dwarfism, 6

ELISA, 308
endothelial cells, 98
endothelial membranes, 368
enterobacterial flora, 448
epithelial cells, 98
ethanol, 137
exercise, 210
extractable nuclear antigens, 308
extrinsic allergic alveolitis, 91

Fc binding proteins, 620
FTIR, 373
fungicidal superoxide anion, 65

 $\gamma\delta$ T cell, 251
gammaglobulins, 11
genetic control, 224
glomerular visceral epithelial cells, 297
glomerulosclerosis, 181
glutamic acid decarboxylase, 152
GM-CSF, 425
GPI-linked antigen, 199
graft-versus-host disease, 596
Graves' disease, 328

Haemophilus ducreyi, 243
HCV, 11

- hepatitis, 11
 hepatitis C virus, 320
 hepatitis C virus genotype, 320
 herb, 582
Histoplasma capsulatum, 65
 HIV, 31, 231, 243, 384
 HIV⁺ children, 238
 HIV capture assay, 231
 HIV infection, 481
 HIV-1, 26
 HIV-1 vertical transmission, 476
 HLA-A2.1, 40
 HLA-DR, 481
 HTLV-I, 256
 HTLV-II, 256
 human cytotoxic factor, 262
 human humoral immunodeficiency, 17
 human macrophages, 476
 human sputum, 642
 human T cell proliferation, 626
 human T cell repertoire, 53
 human V gene phage display libraries, 566
 hydatidosis, 281
 hyperacute graft rejection, 589
 hyperoxia, 655
 hypogammaglobulinaemia, 11
- ICAM-1, 91
 idiotypes, 120
 IFN- γ , 297
 IgA subclass, 204
 IgE, 71, 85, 389
 IgE/IgG subclasses, 281
 IGF-1, 335
 IgG receptor, 620
 IgG subclass, 204
 IL-1Ra, 379
 IL-1 β , 379, 430
 IL-10, 31, 389, 603
 IL-2, 286
 IL-2 mRNA, 192
 IL-4, 31, 85, 286, 297, 389
 IL-4 sandwich ELISA, 395
 IL-6, 217
 immune activation, 481
 immune clearance, 314
 immune complex precipitation, 620
 immune serum, 438
 immune system, 655
 immunity, 210
 immunization, 496
 immunoblotting, 368
 immunodeficiency, 6
 immunodiagnosis, 53
 immunoglobulin production, 17
 immunoglobulins, 26, 210
 immunology, 328
 immunosuppression, 186, 487, 635
 immunotherapy, 468
in vitro immunization, 487
in vivo, 217
 infants, 649
 inflammation, 137
 inflammatory bowel disease, 379, 448
 inhibitor, 582
 intercellular adhesion molecule-1, 268
 interferon-gamma, 31, 389, 462
 intestinal tolerance, 448
 intra-epithelial lymphocyte, 167
 intracellular bacteria, 551
 intrauterine growth retardation, 649
 iscoms, 46
 islet beta cells, 152
 IVAP, 26
- L-selectin, 204
 lactoferrin, 406
 LCMV infection, 268
 lentivirus, 274
 library, 438
 lipoid nephrosis, 603
 lipopolysaccharide, 430, 655
 liposome, 560
 liver, 159
 liver-derived lymphocytes, 320
 lymphocyte subsets, 320
 lysozyme, 406
- macrophage, 224, 507
 macrophages, 65, 430, 541
 macrophage uptake, 174
 Madagascar, 529
 mannose-binding protein, 649
 mapping, 438
 mast cells, 78
 measles virus, 40
 memory, 529
 memory CD8⁺ cells, 40
 memory T cells, 204, 256
 meningococcaemia, 501
 meningococci, 290
 mercury-induced membranous nephropathy, 297
 methotrexate, 560
 MHC class I restricted lysis, 314
 MHC class II, 507
 migration, 137
 monoclonal antibody, 181, 468
 monocycline, 635
 monocytes, 425, 541, 603
 mouse model, 468
 muscle, 614
 mutations, 649
 mycobacterial antigens, 456
 mycobacterial infection, 515
 Mycobacterium, 626
Mycobacterium avium, 523
Mycobacterium fortuitum, 626
Mycobacterium leprae, 58
 myeloperoxidase, 106, 112
 myositis, 614
- naive B cells, 204
 naive T cells, 256
 nedocromil sodium, 78
Neisseria meningitidis, 290
 neonatal T cells, 192
 nephrectomy, 181
 nephritis, 582
 nephrosis, 608
 nephrotoxicity, 297
 neutralizing and enhancing antibodies, 476
 neutrophil, 137
 neutrophilia, 224
 NF κ B, 192
Nippostrongylus brasiliensis, 71
 nitric oxide, 65
 NOD mouse, 335
 non-serotypable *Haemophilus influenzae*, 406
 nucleocapsid antigens, 314
- oxidative responses, 137
 oxidized LDL, 174
 oxygen toxicity, 655
- p15E, 468
 paroxysmal nocturnal haemoglobinuria, 199
 peptide, 58
 peptides, 53
 peripheral blood, 541

- phage, 438
phage selection, 566
pharmacological treatment, 281
plasma membrane, 626
Plasmodium falciparum, 529
platelet-derived growth factor, 417
platelet-derived growth factor receptor, 417
polymerase chain reaction, 379
polymorphism, 379
porcine endothelial cells, 589
prematurity, 649
preterm, 649
preventive effect, 360
primary biliary cirrhosis, 131
proopiomelanocortin, 596
properdin, 290
prostaglandin E₂, 425
protein C, 290
proteinase 3, 98, 112
proteins, 626
proteinuria, 181
proteoglycans, 608
- rapidly progressive glomerulonephritis, 106
rat, 560
Raynaud's phenomenon, 354
reactive arthritis, 551
recombinant, 106
rectal mucosa, 384
resistant mice, 523
retrovirus, 487
rhesus monkey, 251
rheumatoid arthritis, 144, 541, 547
rheumatoid factor, 547
RIN insulinoma, 152
- saliva, 210
sarcoidosis, 399
SCID mice, 360
sepsis, 501
septic shock, 501
sheep, 274
simian immunodeficiency virus, 251
single-chain antibodies, 341
Sjögren's syndrome, 360
sodium cromoglycate, 78
soluble ICAM-1, 91
soluble markers, 535
specificity, 58
spectroscopy, 373
- spontaneous proliferation, 256
sulphite oxidase, 131
suppressor cells, 515
surface antigens, 399
susceptible mice, 523
swimmers, 210
synovial fluid, 541, 547
systemic lupus erythematosus, 349
systemic sclerosis, 131, 354
systemic vasculitis, 106
- T cell, 58
T cell activation, 199, 456
T cell clone, 399
T cell clones, 642
T cell function, 635
T cell receptor $\gamma\delta$, 167
T cell subset, 251, 523
T cell-mediated inflammation, 268
T cells, 152, 547, 551
tears, 395
tetracyclines, 635
Th1 type T cells, 462
Th1/Th2 cytokines, 281
Th2 type T cells, 462
Theileria annulata, 507
the large intestine, 167
thymus, 462
TNF, 217, 224
TNF- α , 78
Toxoplasma gondii, 425
tuberculosis, 53
tumour necrosis factor, 430
tumour-infiltrating lymphocyte, 167
tumour-infiltrating lymphocytes, 15
- ulcerative colitis, 448, 456
- vascular immunology, 328
vascular permeability factor, 603
vasculitis, 112
vernal keratoconjunctivitis, 395
viraemia, 320
visceral leishmaniasis, 535
visna, 274
- Wegener's granulomatosis, 98, 120
- xenotransplantation, 589